

REMARKS/ARGUMENTS

1.) Claim Amendments

Claims 1, 3, 4, 6, 8, 10, 11, 15, 18, 20, 23, 27, 29, 30, 32, 34, 36, 37, 41, 43, 46, 49, and 53 are pending in the application. The Applicants have amended claims 1, 8, and 27. Favorable reconsideration of the application is respectfully requested in view of the foregoing amendments and the following remarks.

2.) Claim Rejections – 35 U.S.C. § 112

On Page 2 of the Office Action, the Examiner rejected claims 8, 10 and 11 under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention since claim 8 depends from claim 2 which has been canceled. The Applicant has amended claim 2 to depend from claim 1. Therefore, the withdrawal of the rejection under § 112 is respectfully requested.

3.) Claim Rejections – 35 U.S.C. § 102(e)

On Page 2 of the Office Action, the Examiner rejected claims 1, 3, 4, 15, 18, 27, 29, 30, 41, 43, and 53 under 35 U.S.C. § 102(e) as being anticipated by O'Neill (US 2004/00047348 A1). The Applicants respectfully traverse this rejection.

Claim 1 has been amended as to form to emphasize the differences between the claimed invention and O'Neill. In amended claim 1, it is emphasized that the MIPv6-related authentication and authorization information is transferred in an end-to-end procedure between a mobile node in a visited network and a home network of the mobile node. The information is transferred in an authentication protocol and in an end-to-end procedure transparent to the visited network over an AAA infrastructure.

O'Neill, on the other hand, discloses coupling between a foreign agent (FA) (in the foreign network – not in the home network) and an Authorization and Authentication system enabling the FA to authenticate the mobile node to obtain an Authorization Profile. (Paragraph [0047]). Thus, there is not an end-to-end procedure between a

mobile node and a home network of the mobile node. In paragraphs [0047] and [0048] of O'Neill it is rather the foreign agent that is arranging for the communication with the AAA system to authenticate the mobile node.

Applicants' claim 1 further recites that the procedure is transparent to the visited network which is not the case in the O'Neill solution where, instead, the foreign network take an active part of the authentication.

Thus, O'Neill does not teach or suggest the claimed invention. Therefore, the allowance of claim 1 is respectfully requested.

Claims 3, 4, 15, and 18 depend from amended claim 1 and recite further limitations in combination with the novel elements of claim 1. Therefore, the allowance of claims 3, 4, 15, and 18 is respectfully requested.

Independent claim 27 is a system claim corresponding to method claim 1. Claim 27 has also been amended as to form to emphasize the differences between the claimed invention and O'Neill. Therefore, the allowance of claim 27 is respectfully requested for the same reasons as discussed above for claim 1.

Claims 29, 30, 41, and 43 depend from amended claim 27 and recite further limitations in combination with the novel elements of claim 27. Therefore, the allowance of claims 29, 30, 41, and 43 is respectfully requested.

Claim 53 relates to a system for Mobile IP version 6 (MIPv6) hand-in within a CDMA framework. The system includes means for performing a Challenge Handshake Authentication Protocol (CHAP) authentication procedure between a mobile node in a visited network and an AAA server in a home network of the mobile node over an AAA infrastructure. In the CHAP authentication procedure, the nodes in the visited network do not take an active part. Claim 53 has been amended to clarify that the nodes in the visited network act as mere pass-through agents in the CHAP procedure.

As noted above, this is not taught or suggested by O'Neill, in which the foreign agent authenticates the mobile node. Therefore, the allowance of amended claim 53 is respectfully requested.

4.) Claim Rejections – 35 U.S.C. § 103(a)

On Page 5 of the Office Action, the Examiner rejected claims 6 and 32 under 35 U.S.C. § 103(a) as being unpatentable over O'Neill in view of Lee, et al. (US 2002/0105934 A1), hereafter "Lee1". The Applicants have amended the claims to better distinguish the claimed invention from O'Neill and Lee1. The Examiner's consideration of the amended claims is respectfully requested.

Claims 6 and 32 depend from amended claims 1 and 27, respectively, and recite further limitations in combination with the novel elements of claims 1 and 27. As noted, O'Neill does not teach or suggest the limitations of claims 1 and 27. Lee1 does not overcome this deficiency. Thus, all of the claimed limitations are not taught or suggested by the cited combination, and a *prima facie* case of obviousness has not been established. Therefore, the allowance of claims 6 and 32 is respectfully requested.

On Page 6 of the Office Action, the Examiner rejected claims 20, 23, 46, and 49 under 35 U.S.C. § 103(a) as being unpatentable over O'Neill in view of Lee, et al. (US 2003/0099213 A1), hereafter "Lee2". The Applicants have amended the claims to better distinguish the claimed invention from O'Neill and Lee2. The Examiner's consideration of the amended claims is respectfully requested.

Claims 20 and 23 depend from amended claim 1, and claims 46 and 49 depend from amended claim 27. Claims 20, 23, 46, and 49 recite further limitations in combination with the novel elements of claim 1 and 27. As noted, O'Neill does not teach or suggest the limitations of claims 1 and 27. Lee2 does not overcome this deficiency. Thus, all of the claimed limitations are not taught or suggested by the cited combination, and a *prima facie* case of obviousness has not been established. Therefore, the allowance of claims 20, 23, 46, and 49 is respectfully requested.

On Page 7 of the Office Action, the Examiner rejected claims 8, 10, 11, 34, 36, and 37 under 35 U.S.C. § 103(a) as being unpatentable over O'Neill in view of Salowey, et al. (US 7,171,555), hereafter "Salowey". The Applicants have amended the claims to better distinguish the claimed invention from O'Neill and Salowey. The Examiner's consideration of the amended claims is respectfully requested.

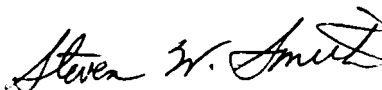
Claims 8, 10, and 11 depend from amended claim 1, and claims 34, 36, and 37 depend from amended claim 27. Claims 8, 10, 11, 34, 36, and 37 recite further limitations in combination with the novel elements of claim 1 and 27. As noted, O'Neill does not teach or suggest the limitations of claims 1 and 27. Salowey does not overcome this deficiency. Thus, all of the claimed limitations are not taught or suggested by the cited combination, and a *prima facie* case of obviousness has not been established. Therefore, the allowance of claims 8, 10, 11, 34, 36, and 37 is respectfully requested.

5.) Conclusion

In view of the foregoing remarks, the Applicants believe all of the claims currently pending in the Application to be in a condition for allowance. The Applicants, therefore, respectfully request that the Examiner withdraw all rejections and issue a Notice of Allowance for claims 1, 3, 4, 6, 8, 10, 11, 15, 18, 20, 23, 27, 29, 30, 32, 34, 36, 37, 41, 43, 46, 49, and 53.

The Applicants request a telephonic interview if the Examiner has any questions or requires any additional information that would further or expedite the prosecution of the Application.

Respectfully submitted,



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